

VISIT...

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Heradesign® fine/A2

Magnesite -bound wood wool decorative panels of fine wood fibre structure with reaction to fire: Euroclasse A2-s1,d0 according EN 13501-1. Fibre width approx. 2 mm

Product Type

WW - EN 13168 - L3-W2-T1-S3-P2-CS(10)200-CI3

Advantages

- reaction to fire: Euroclass A2-s1,d0
- regulation of climate in the room
- diffusion open structure
- all colours possible
- recognised for organic building design

Application

- Acoustic and design covering for internal lining of ceilings and walls, where there are higher demands regarding fire protection.

Formats

- 600 x 600, 1200 x 600 mm, edge design: AK-01,SK-04,VK-09

Colours

- we recommend **white** (similar RAL 9010) or **natural colour tone 13** (beige)

Note:

- Deviations in colour tone against colour chart and colour feeling are possible due to the rough fibre rep. panel surface.
- Production tolerance, to nominal dimension: L3, W2: ± 1 mm, T1: $+3/-2$ mm, for lengths > 1250 mm L3: ± 2 mm
- Foil (thickness $< 15 \mu\text{m}$) recommended as drip protection for mineral wool layers.
- Maximum change of dimensions at standard operating environment $23^\circ\text{C}/50\%$ rel. air humidity $\pm 1\%$

Limit of use:

- Max. span 600 mm.
 - Suitable for use in environments having a continuous rel. air humidity of up to 90 %. For conditions above 80 % rel air humidity constructional-physics advice is necessary.
 - Do not glue panels against ceiling and walls!
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Delivery programme:

Thickness	[mm]	25
Weight	[kg/m ²]	17,5
m ² /packaging unit- standard formats:		
600 x 600. 1200 x 600 mm	[m ²]	50,40

Delivery form: palletted, with protective carton. Supplied only in complete packaging units! Special length, and other edge finishings on request.

Technical specifications

Characteristic	Symbol	Description/Data	Unit	Standard
Fire behavior	---	A2-s1, d0	[---]	EN 13501-1
Thickness	d	25	[mm]	EN 13168
Thermal conductivity	λ_D	0,095	[W/mK]	EN 12667
Thermal resistance	R_D	0,25	[m ² K/W]	EN 13168
Flexural strength *)	σ_b	>2200	[kPa]	EN 12089
Diffusion resistance factor	μ	5	[---]	EN 12086

*) procedure A

Sound absorption coefficients α_p

Frequency (Hz)	125	250	500	1000	2000	4000	α_w	Absorber classes
Heradesign® fine/A2, 25 mm								
4cm gap	0,05	0,25	0,65	0,60	0,50	0,70	0,50(H)	D
28cm gap	0,50	0,65	0,40	0,40	0,60	0,75	0,45(LH)	D
4cm gap /Heralan DP-5: 4cm	0,20	0,80	0,90	0,60	0,65	0,80	0,65(LM)	C
8cm gap /Heralan DP-5: 8cm	0,55	1,00	0,80	0,65	0,65	0,80	0,70 (L)	C
28cm gap /Heralan DP-5: 4cm	0,75	0,80	0,75	0,65	0,65	0,85	0,70 (LH)	C

Figures for other designs on request

The installation of Heradesign panels is part of the interior works and have to be carried out under controlled humidity and temperature conditions. Any buildings activities which gives rise to dust and humidity have to be completed before starting installation of panels. Store panels flat and protect against humidity and dirt. Stack a maximum of two pallets, height maximum 250 cm. The packaging provided does not provide protection from rain. Please pay attention to the application, installation and storage guidelines of Heradesign panels.

For further information, please contact:

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